

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 July 2004 (08.07.2004)

PCT

(10) International Publication Number
WO 2004/056557 A1

(51) International Patent Classification⁷: **B29D 30/00**,
30/62, C08L 21/00, C08K 5/00, 5/1515, 5/103

(21) International Application Number:
PCT/EP2003/013499

(22) International Filing Date: 1 December 2003 (01.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PCT/EP02/14565
19 December 2002 (19.12.2002) EP

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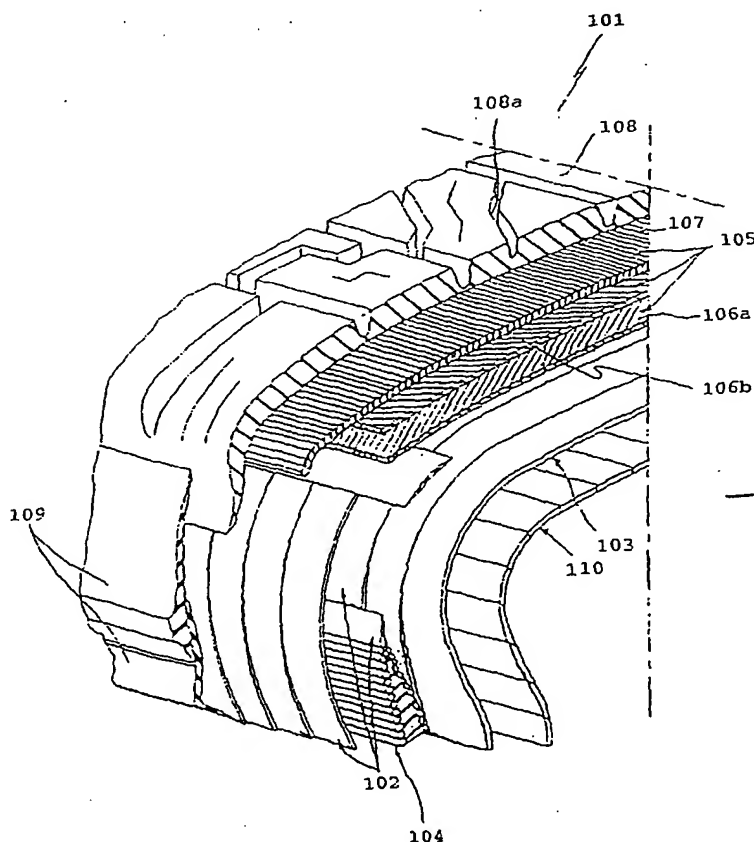
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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: PROCESS FOR PRODUCING A TYRE FOR VEHICLE WHEELS



(57) Abstract: The present invention relates to a process for producing a tyre, which includes: feeding an elastomeric composition to an extruder; forming by extrusion said elastomeric composition as a continuous elongated element; depositing said continuous elongated element on a support in a plurality of coils to make up a structural element of a tyre; wherein the step of forming is carried out at a shear rate of at least 1000 s⁻¹ and the elastomeric composition comprises at least one elongational viscosity reducing additive in an amount so that elongational viscosity of said elastomeric composition, measured at 120°C, at the shear rate of the forming step, is at least 10% lower with respect to the elongational viscosity, measured in the same conditions, of the elastomeric composition devoid of said additive.

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